

What is claimed is:

1. A method of generating embroidery data from image data, comprising:

 automatically identifying a singular region from a plurality of regions associated with the image data; and

 generating the embroidery data based on the identification of the singular region.
2. A method as defined in claim 1, wherein the singular region is identified as being associated with at least one of a convergence and a termination of at least one of the plurality of regions.
3. A method as defined in claim 1, wherein the singular region is identified as being associated with a convergence of edges associated with the image data.
4. A method as defined in claim 1, wherein automatically identifying the singular region includes analyzing skeletal data.
5. A method as defined in claim 4, wherein the skeletal data is generated using a distance transform algorithm that processes edge contour data.

6. A method as defined in claim 1, wherein the image data is associated with a scanned image.

7. A method as defined in claim 1, wherein the image data includes a bitmap.

8. A system for generating embroidery data from image data, comprising:

a memory; and

a processor coupled to the memory and programmed to:

identify a singular region from a plurality of regions associated with the image data; and

generate the embroidery data based on the identification of the singular region.

9. A system as defined in claim 8, wherein the singular region is identified as being associated with at least one of a convergence and a termination of at least one of the plurality of regions.

10. A system as defined in claim 8, wherein the singular region is identified as being associated with a convergence of edges associated with the image data.

11. A system as defined in claim 8, wherein the processor is programmed to identify the singular region by analyzing skeletal data.

12. A system as defined in claim 11, wherein the skeletal data is generated using a distance transform algorithm that processes edge contour data.

13. A system as defined in claim 8, wherein the image data is associated with a scanned image.

14. A system as defined in claim 8, wherein the image data includes a bitmap.

15. A machine readable medium having instructions stored thereon that, when executed, cause a machine to:

 identify a singular region from a plurality of regions associated with image data; and

 generate the embroidery data based on the identification of the singular region.

16. A machine readable medium as defined in claim 15, wherein the singular region is identified as being associated with at least one of a convergence and a termination of at least one of the plurality of regions.

17. A machine readable medium as defined in claim 15, wherein the singular region is identified as being associated with a convergence of edges associated with the image data.

18. A machine readable medium as defined in claim 15 having instructions stored thereon that, when executed, cause the machine to identify the singular region by analyzing skeletal data.

19. A machine readable medium as defined in claim 18, wherein the skeletal data is generated using a distance transform algorithm that processes edge contour data.

20. A machine readable medium as defined in claim 15, wherein the image data is associated with a scanned image.

21. A machine readable medium as defined in claim 15, wherein the image data includes a bitmap.